

ABSTRACT OF THE DISCLOSURE

[0103] In a process for decomposing pollutants by bringing pollutants contained in air into contact with air that contains chlorine, under irradiation by light, at least part of a chlorine-generating solution present in a chlorine generation region is fed to a means for forming the functional water by electrolysis to effect regeneration and is again fed to the chlorine generation region. Also disclosed is a pollutant decomposition system used in such a process.